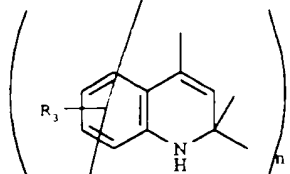


IN THE CLAIMS

Please cancel claims 6, 9, 20, and 23 without prejudice to the Applicants' rights

Please enter the following amendments to claims 1, 7, 14, 15, 21, and 28.

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1. (Amended) A composition comprising lubricating oil and at least a first antioxidant and a second antioxidant, the first antioxidant being a secondary diarylamine of the formula R_1-NH-R_2 , where R_1 and R_2 each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure:



where $n=1-1000$ and R_1 is hydrogen, alkyl, or alkoxy.

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7. (Amended) The composition of claim 1 wherein the first antioxidant is selected from the group consisting of diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl diphenylamine, mono- and/or di-octyl diphenylamine, mono- and/or di-nonyl diphenylamine, phenyl- α -naphthylamine, phenyl- β -

Amendment Under 37 C.F.R. § 1.116

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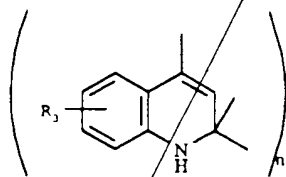
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cont.
naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono-
and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine,
4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and
dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-
phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine,
[N-isopropyl-N'-*p*-phenylenediamine] N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-
dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-
phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine

14. (Amended) A composition comprising: a lubricating oil selected from the group consisting
of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid
esters, polyoleates, an API Group I base oil, an API Group II base oil, and an API Group IV base
oil, from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the
group consisting of diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine,
trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-
hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-
octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- α -naphthylamine, phenyl- β -
naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono-
and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine,
4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and

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Cont.
Sub
D2

dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, [N-isopropyl-N'-*p*-phenylenediamine] N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine, from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof, the ratio of the first antioxidant to the second antioxidant being from 1:99 to 99:1, and, optionally, at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants.

15. (Amended) A method of increasing the oxidation stability of a lubricating oil comprising adding thereto at least a first antioxidant and a second antioxidant, the first antioxidant being a secondary diarylamine of the formula R_1-NH-R_2 , where R_1 and R_2 each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure:



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21. (Amended) The method of claim 15 wherein the first antioxidant is selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, [N-isopropyl-N'-*p*-phenylenediamine] N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-

phenylenediamine, and N-cyclohexyl-N'-phenyl-p-phenylenediamine.

6 28 (amended) A method of increasing the oxidation stability of a lubricating oil selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, polyoleates, an API Group I base oil, an API Group II base oil, and an API Group IV base oil, comprising adding thereto.

6 28 (amended) from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- α -naphthylamine, phenyl- β -naphthylamine, diheptyldiphenylamine, mono- and/or di-(α -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(p-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-p-phenylenediamine, N,N'-di(naphthyl-2)-p-phenylenediamine, [N-isopropyl-N'-p-phenylenediamine] N-isopropyl-N'-phenyl-p-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-p-phenylenediamine, and N-cyclohexyl-N'-phenyl-p-phenylenediamine,

from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-